

# SCIENCE

The convenience of the wall switch in electric lighting is unsurpassed by anything in the household use of electricity.

The Texas Midland railroad, from Paris to Ennis, a distance of 124 miles, will be electrified, adopting the third rail system.

Prof. Omnes, of the University of Leyden, it is reported, has liquefied helium at a temperature of 450 degrees below zero Fahrenheit.

A new development in switching apparatus has been brought out by the General Electric company, designed and tested for 100,000 volt operation.

An interesting attempt to diminish the force of the waves has been tried recently at Havre. The inventor is Baron d'Alessandro, an Italian, residing in Paris. The apparatus consists of a network of waterproofed hemp, 300 feet long, by 50 feet broad, anchored on the surface of the water. It flattens out heavy waves, and prevents them from breaking, after the manner of oil spread upon the sea.

It is somewhat reassuring to learn that, in spite of the pollution of the waters adjacent to New York the oysters which are grown there are not largely the cause of typhoid fever. Dr. Park, of the board of health's bacteriological laboratory, says that only one-tenth of one percent of typhoid fever cases may be traced to contaminated shell-fish—a much smaller percentage than has hitherto been suspected.

Perhaps the most beneficent result of the discovery of radium has been the certain cure of lupus, or rodent ulcer, a terrible disease which chiefly attacks the face. Sir William Ramsey, the distinguished British scientist, says that exposure for a few minutes at intervals to rays emitted from radium bromide is a specific for the disease, and that the treatment of other forms of cancer by radium has yielded very satisfactory results.

Dr. Ainley Walker of University College, Oxford, has undertaken to solve the question whether, as popular belief in many countries has long asserted, the poison of bees' stings acts as a prophylactic and a cure in cases of rheumatism. As he has recently been able to collect some definite evidence in support of this belief, he invites correspondence from all persons having personal knowledge of the subject. Among other facts which he believes to be established is a connection between rheumatic fever and the production of formic acid (the acid of bee poison) in the human body.

**Urticaria After Antitoxin.**  
Alexander W. Blain of Detroit, Mich., describes seven cases of administration of antitoxin to adults in a second dose, with the result of the appearance of a painful and distressing urticaria. The serum was given for immunizing purposes the first time, and the second time for a supposed Klebs-Loeffler infection, which proved to be tonsillitis. Blondes seem to be affected more seriously than brunettes. The second immunizing dose should be given with caution in blondes, regardless of how long it is since the last injection. A supposed infection with diphtheria should be kept under observation, and the diagnosis confirmed before antitoxin is again given. When it becomes necessary to give it an attempt should be made to regulate the dose in comparison with the severity of the infection, and the serum should not be pushed too far.—Medical Record.

**Mt. Washington's Summit House.**  
Portland people will read with interest the announcement that a new hotel is to be immediately erected on the summit of Mount Washington, to take the place of the building which was destroyed by fire last week. To put up a large structure on the mountain-top is not a simple piece of work by any means, yet, thanks to the railroad, it is much easier to-day than was a similar undertaking when houses were first erected there. Then all the materials were transported on the backs of horses or were carried up the mountain slopes by men. In fact, it is recalled that the front door of the original hotel went up strapped to the back of a man, who also carried a log of molasses.—Portland (Me.) Advertiser.

**Members of Family All Under 17.**  
Father, mother and child, all under the age of 17, and therefore noted down in the school census marshal's book, is one of the interesting and remarkable incidents developed here during the last few days, since Census Marshal Argall began work. The family is named Crase. Probably such another record cannot be found in the State.—Grass Valley correspondence Sacramento Bee.

**THE BOSOM OF THE FAMILY.**  
"I understand his engagement to the heiress is still a secret."  
"Yes, only his most intimate creditors are aware of it."—Young's Magazine.

**DEATH TO RING WORM.**  
"Everywhere I go I speak for TETTERINE, because it cured me of ringworm in its worst form. My whole chest from neck to waist was raw as beef; but TETTERINE cured me. It also cured a bad case of 'jiles.'" So says Mrs. M. F. Jones of 28 Tenth St., Pittsburgh, Pa. TETTERINE, the great skin remedy, is sold by druggists or sent by mail for 5c. Write J. T. Surratt, Dept. A, Savannah, Ga.

The most active years of railway construction in the United States were in 1882, when 11,500 miles were added to the operated railroads, and in 1887, when the increase was 12,867.

John R. Dickey's old reliable eye water cures sore eyes or granulated lids. Don't hurt, feels good; get the genuine in red box.

**AN UNFAMILIAR SCENE.**  
"That meadow scene looks far from natural," declared the stage manager.  
"What can all it?"  
"I guess, I believe it's the absence of advertising signs."—Washington Herald.

**Hicks' Capudine Cures Nervousness.**  
Whether tired out, worried, overworked, or what not. It refreshes the brain and nerves. It's liquid and pleasant to take. 10c., 25c., and 50c., at drug stores.

The product of the British shipyards amounts to 26 or 25 per cent. of the world's output.

**EYESIGHT WAS IN DANGER**

**From Terrible Eczema—Baby's Head a Mass of Itching Rash and Sores—Disease Cured by Cuticura.**

"Our little girl was two months old when she got a rash on her face and within five days her face and head were all one sore. We used different remedies but it got worse instead of better and we thought she would turn blind and that her ears would fall off. She suffered terribly, and would scratch until the blood came. This went on until she was five months old, then I had her under our family doctor's care, but she continued to grow worse. He said it was eczema. When she was seven months old I started to use the Cuticura Remedies and in two months our baby was a different girl. You could not see a sign of a sore and she was as fair as a new-born baby. She has not had a sign of the eczema since. Mrs. H. F. Budke, LeSueur, Minn., Apr. 15 and May 2, 1907."

**TRUE PATRIOTISM.**  
"Joining, what's a patriot?"  
"A boy who'd rather miss sear'n' de game dan go in on a ball knocked over de fence by de visitin' team."  
—Kansas City Journal.

## Truth and Quality

appeal to the Well-Informed in every walk of life and are essential to permanent success and creditable standing. Accordingly, it is not claimed that Syrup of Figs and Elixir of Senna is the only remedy of known value, but one of many reasons why it is the best of personal and family laxatives is the fact that it cleanses, sweetens and relieves the internal organs on which it acts without any debilitating after effects and without having to increase the quantity from time to time.

It acts pleasantly and naturally and truly as a laxative, and its component parts are known to and approved by physicians, as it is free from all objectionable substances. To get its beneficial effects always purchase the genuine—manufactured by the California Fig Syrup Co., only, and for sale by all leading druggists.

The most famous Coffee in America is New Orleans Coffee. Roasted and Blended according to the Creole-French Formula. You get it when you buy **LUZIANNE COFFEE**. A COFFEE OF SUPERB QUALITY—DOUBLE STRENGTH—EXQUISITE BLEND—LOW PRICE. 25¢ 1 LB CAN. THE ROLEY-TAYLOR COMPANY, NEW ORLEANS, LA.

**TOWER'S FISH BRAND POMMEL SLICKER**. The cleanest lightest and most comfortable. At the same time cheapest in the end because it wears longest. \$3.50 Everywhere. Every garment guaranteed waterproof. Catalog free. TOWER CANADIAN CO., 115 E. FOLLY ST. CAN.

**THE DUTCH BOY PAINTER STANDS FOR PAINT QUALITY**. IT IS FOUND ONLY ON PURE WHITE LEAD. MADE BY THE OLD DUTCH PROCESS.

Height for Kites. The Prince of Monaco has sent kites to the height of 14,750 feet.

**American Cotton College** Milledgeville, Georgia. For the education of Farmers, Clerks, Merchants, Warehousemen, Cotton Buyers, Manufacturers, and all others, young or old, who are unable to classify and put the correct valuation on 18 Grades of Cotton. Thirty day scholarships in our sample rooms, or six weeks' correspondence course under expert cotton men will complete you. Big demand for cotton graders and cotton buyers. Session opens Sept. 1st. Correspondence course year round. Write at once for further particulars.

**NUBIAN TEA** READY FOR USE. Does not irritate the stomach, but heals it. Cures Liver Troubles. Ask your dealer for it. TRY A BOTTLE.

**POTASH**. Look at your wheat—study it well before you cut it. Too much stalk and leaf in proportion to your grain, means too much nitrogen in your soil. But don't salt to stunt the straw. Next time—this Fall—increase the Potash—makes a stronger stalk, and a heavier head. Most fertilizers are weak in Potash. Make them complete by adding Potash—6 per cent.—or 15 pounds Muriate of Potash per hundred. Complete fertilizer (2-8-4) means best crops and biggest profit. Every agent sells phosphate. Few carry Potash in stock. Arrange for Potash now. Potash is profit. Send for Our Book, containing facts about soil, crops, manures and fertilizers. Mailed free. GERMAN KALI WORKS, Candler Bldg., Atlanta, Ga. New York—23 Nassau St. Chicago—Monsock Bldg.

**PUTNAM FADELESS DYES**. Color more goods brighter and faster colors than any other dye. One box, package colors all fibers. They dye in cold water better than any other dye. You can dye any garment without ripping apart. Write for free booklet—How to Dye, Bleach and Mix Colors. MUNROE DRUG CO., Quincy, Illinois.

**To Brighten Life**  
Get Your Health Back  
To one who has lost her health, life seems pretty dreary. Unhappiness, after all, is very often a question of health. If female troubles have worn you out, made you feel weak, sad, miserable and able only to see the dark side of things, as a reflection upon a cloudy mirror, brighten up, by doing your best to get your health back. TAKE CARDUI. This well-known woman's medicine has brought health and happiness to many thousands of weak, ailing women. Why not to you?  
Its ingredients are restoring, strengthening, health-giving, to the womanly organs—it is safe, pleasant and always reliable.  
Mrs. F. S. Mills, of Murietta, Calif., writes: "I don't think any one can recommend a medicine more highly than I can Cardui. I had a mishap, which was followed by inflammation. I positively believe I would have died, had it not been for Cardui. When I began taking it, I could not stand on my feet. After taking two (2) bottles, I was cured, and now weigh 165 pounds."  
Sold everywhere. Try Cardui.  
**Take CARDUI**

**Force of Habit.**  
No self-respecting actor will admit that his show is now drawing full houses every night. One of the profession who plays juvenile parts recently met a leading man on the Rialto. The leading man was dressed in deep black. There was a wide band of crape on his hat, and he had discarded the patent leather shoes an actor loves for others of a subdued polish that spoke of grief. "What's the matter?" asked the juvenile.  
"My father is dead," answered the leading man, in a heart-broken voice.  
The juvenile expressed his sympathy. "When did he die?" he asked.  
"Last week. We buried him today—a nice funeral," answered the heart-broken one.  
"Large attendance?" asked the juvenile.  
A smile of enthusiastic delight flashed over the mourner's face. "Large attendance!" he cried. "My boy, we turned 'em away."—Tit Bits.

**Bryan Amuses Audiences.**

An audience under the spell of the intense Bryan laughs a great deal more than it cheers or applauds! This in itself is disillusioning. And what is the apparatus by which he produces his humorous effects? Stories about funny colored men, and the old, old device of applying scriptural phrases and references to our own modern conditions—these constitute his chief repertory in laughter-producing devices, though sarcasm, an old weapon in his arsenal, and a modification of his old trick in phrasing-making, are occasionally employed. The stories about colored men are by no means new, and the form of the biblical applications isn't always a credit to the humorous sense, but the audience invariably roars. Are there some of them who laugh, not so much at what is said, as at the fat, bald man who says them?—Detroit Free Press.



More proof that Lydia E. Pinkham's Vegetable Compound save woman from surgical operations.

Mrs. S. A. Williams, of Gardiner, Maine, writes:  
"I was a great sufferer from female troubles, and Lydia E. Pinkham's Vegetable Compound restored me to health in three months, after my physician declared that an operation was absolutely necessary."

Mrs. Alvina Sperling, of 154 Cleybourne Ave., Chicago, Ill., writes:  
"I suffered from female troubles, a tumor and much inflammation. Two of the best doctors in Chicago decided that an operation was necessary to save my life. Lydia E. Pinkham's Vegetable Compound entirely cured me without an operation."

## FACTS FOR SICK WOMEN

For thirty years Lydia E. Pinkham's Vegetable Compound, made from roots and herbs, has been the standard remedy for female troubles, and has positively cured thousands of women who have been troubled with displacements, inflammation, fibroid tumors, irregular periods, backache, bearing-down feeling, flatulency, dizziness, or nervousness. Why don't you try it?

Mrs. Pinkham invites all women to write her for advice. She has guided thousands to health. Address, Lynn, Mass.

Have plenty of fresh air from cellar to garret at all times. Do not keep any part of the house shut up so it becomes foul; let the air and sunshine in.

## Take the Place of Calomel

Constipation sends poisonous matter bounding through the body. Badly headache, sour stomach, feverish breath, bloated eyes, loss of energy and appetite are the surest signs of its addition. Young's Liver Pills positively cure constipation. They awaken the sluggish liver to better action, cleanse the bowels, strengthen the weakened parts, induce appetite and aid digestion. They do not irritate, no matter what you eat, drink or do. Price 25 cents from your dealer or direct from J. M. YOUNG, JR., WAYCROSS, GA.

## Paxtine TOILET ANTISEPTIC

Keeps the breath, teeth, mouth and body antiseptically clean and free from unhealthy germ-life and disagreeable odors, which water, soap and tooth preparations alone cannot do. A germicidal, disinfecting and deodorizing toilet requisite of exceptional excellence and economy. Invaluable for inflamed eyes, throat and nasal and uterine catarrh. At drug and toilet stores, 50 cents, or by mail postpaid, Large Trial Sample.



WITH "HEALTH AND BEAUTY" BOOK SENT FREE THE PAXTON TOILET CO., Boston, Mass.

If afflicted with weak eyes, use Thompson's Eye Water.

(At 135-108)